



MATERIAL SAFETY DATA

Chemtrec 24-Hour Emergency Telephone

Domestic North America (800) 424-9300

International (800) 527-3887

This MSDS complies with 29 CFR 1910.1200 (Hazard Communications)

1. Product and Supplier Identification

Product Name: Fumed Silica

Product Number: 15721, 15724, 15728, 157200, 157220

Date of Prep: 10-16-2010

Product Type: Silica, amorphous, fumed

Supplier: Fiberlay Inc.
24 S. Idaho S.
Seattle, Wa 98134
(206)782-0660

2. Composition/Information On Ingredients

CAS No.	Chemical Name	Threshold Limit Values (Mg/m ³ ; ppm) ACGIH
112945-52-5	Silica	2

3. Hazards Identification

Emergency Overview:**Specific Physical Form:** Powder**Odor, Color, Grade:** White, Odorless**General Physical Form:** Powder**Route of Entry:** Eyes, Skin, Inhalation,**Acute Overexposure:****Eye:** No toxic effects expected; slight irritations by mechanical effects are possible**Skin:** No toxic effects expected; temporary discomfort (dryness)**Ingestion:** Not expected in industrial use

Inhalation: Not expected in industrial use

Chronic Overexposure:

Unknown; long term exposure exceeding TLV can lead to damaging effect as a result of mechanical overloading of the respiratory tract.

Aggravated Medical Conditions:

No data available

4. First Aid Measures

Eyes:

- Flush eyes gently with water for at least 15 minutes
- If signs / symptoms persist, seek medical attention

Skin:

- Wash exposed area with soap and water
- Apply hand lotion
- If signs / symptoms develop, seek medical attention

Ingestion: Not applicable

Inhalation:

- Move individual away from exposure and into fresh air
- If signs / symptoms develop, seek immediate medical attention
- Keep person warm and quiet
- If person is not breathing, begin artificial respiration
- If breathing is difficult, oxygen may be beneficial if administered by trained personnel.

5. Fire Fighting Measures

Unusual Fire and Explosion Hazards: None known

Extinguisher Media: Material does not burn

Special Fire Fighting Procedures:

- Use extinguishing measures appropriate to the source of the fire
- Fire fighters should wear full protective clothing including a self-contained breathing apparatus.

6. Accidental Release Measures

- Reduce dust / vapor by wetting
- Take up by mechanical means
- Place in appropriate waste container
- Reuse or dispose

Regard all local, State and Federal laws and regulations concerned with disposal, spill, clean up, removal or discharge.

7. Handling and Storage

HANDLING:

- Avoid formation of dust
- Keep container closed
- Keep in well ventilated place
- Avoid breathing dust / vapor / mist / gas / aerosol
- Wash thoroughly after handling

8. Exposure Controls / Personal Protection

Industrial Hygiene: Follow standard industrial hygiene practices when using this material

Engineering Controls:

- Use with adequate ventilation to maintain concentration below TLV
- Local exhaust: Yes to maintain concentration below TLV
- Mechanical: Yes to maintain concentration below TLV

Eye Protection:

- Chemical splash goggles in compliance with OSHA regulations are recommended.

Skin Protection:

- Protective cotton gloves.

Respiratory Protection:

- Use a NIOSH approved respirator designed to remove nuisance dust
- Alternatively use positive pressure, air supplied respirator

Other:

- Barrier cream may be used to prevent dryness of skin

9. Physical and Chemical Properties

Boiling Point:	Not applicable	Bulk Density:	20-13- kg/m ³
Specific Gravity	2.2 g/ccm	Gen. Physical Form	Solid
Melting Point:	1700° C (3092° F)	Physical State:	Powder
Odor / Color:	Odorless, white	Solubility in Water:	Neglibe at 20° C (68°F)

10. Stability and Reactivity

Stability: Stable

Reactivity: None

Conditions to Avoid: None

Incompatibility: None

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

11. Toxicological Information

Carcinogenicity: None

National Toxicology Program: No

IARC Monographs: No

OSHA: No

12. Ecological Information

Not Determined

13. Disposal Considerations

Treat according to local, State and Federal regulations.

Suitable Waste Disposal Procedure: Deposition after consolidation

14. Transport Information

Contact Fiberlay, Inc

15. Regulatory Information

General:

All ingredients are registered in accordance with TSCA

State Regulations:

- **Massachusetts Substance List:**
 - ✓ Silica, amorphous, fumed, cryst.-free
- **New Jersey Right to Know Hazardous Substance List:**
 - ✓ Silica, amorphous, fumed, cryst.-free
- **Pennsylvania Hazardous Substances List:**

- ✓ **Silica, amorphous, fumed, cryst.-free**
- **Contact Fiberlay for more information**

16. Other Information

Preparation Date: 10-19-10

Prepared by: Fiberlay Inc

Comments: This Material Safety Data Sheet was prepared using information provided by WACKER, Fiberlay Inc, and CCINFO

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Revisions: None